GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:2433
ANSWERED ON:03.12.2002
DEVELOPMENT OF V-CHOLERA AA-3 VACCINE
YEMPARALA VENKATESWARA RAO

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether it is a fact that genetically engineered oral cholera vaccine based on recombinant strain of V-Cholera AAL-3 has been cleared for human trials;

(b) if so, whether the trials have been held;

(c) if so, the result thereof; and

(d) the time by which its commercial production is likely to be started?

Answer

MINISTER OF STATE FOR SCIENCE AND TECHNOLOGY (SHRI BACHI SINGH RAWAT)

(a),(b),(c) & (d) : Yes, Sir; A genetically engineered oral cholera vaccine based on recombinant strain VA 1.3 of Vibirio cholerae was cleared for human trials in 1998. The Phase I human trials were held in 1998-99and the vaccine was found to be safe for human use. Currently, Phase IIa trials to assess the efficacy of the vaccine are going on. A field site is under preparation for Phase III clinical trials. After successful completion of phase III volunteer trials and approval of the Drugs Controller General ofIndia, the industrial level scale up would be taken up. For this, discussions have been started with industries. The likely completion of all the steps is by 2004.